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**Stenelmis consobrina Dufour, 1835 (Coleoptera: Elmidae):  
first record from Hungary**Z. CSABAI<sup>1</sup> & J. SÁR<sup>2</sup><sup>1</sup>University of Pécs, Department of General and Applied Ecology,  
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**Abstract** – *Stenelmis consobrina* Dufour, 1835 is recorded for the first time from Hungary (Teklafalu, Baranya county). Two further rare elmids, *Macronychus quadrituberculatus* P. W. J. MÜLLER, 1806 and *Potamophilus acuminatus* (FABRICIUS, 1792), are also recorded from the same locality. With one figure.

**Key words** – *Stenelmis consobrina*, *Macronychus quadrituberculatus*, *Potamophilus acuminatus*, Hungary.

*Stenelmis* DUFOUR, 1835, the largest genus of the family Elmidae, contains more than 170 species distributed in the Palaearctic, Afrotropical, Oriental and Nearctic regions (KODADA & JÄCH 2005). In Europe three species of the genus have been recorded so far: *Stenelmis canaliculata* (GYLLENHAL, 1808), *S. consobrina* DUFOUR, 1835 and *S. puberula* REITTER, 1887. The species of *Stenelmis* (especially *S. consobrina* and *S. puberula*) seem to be widely distributed, but extremely rare (and/or scarcely collected) beetles, only very few localities are known. None of them were recorded from Hungary before (KOVÁCS & MERKL 2005). According to JÄCH *et al.* (2006) *Stenelmis consobrina* (Fig. 1) is recently known from Bosnia-Herzegovina, Czech Republic, France, Germany, Greece, Italy, Spain, Switzerland and outside of Europe from Morocco, Israel, Syria, Turkmenistan and Turkey.

In Hungary, a specimen of *S. consobrina* was found in the built-up area of Teklafalu village, in Baranya county (geocoordinates: N 45°56'48.07", E 17°43'34.80", 10×10 km UTM grid code: YL19) on 11<sup>th</sup> June, 2004, caught by light trap (collectors: JÓZSEF SÁR and PÉTER SÁR). Further 15 specimens were collected at the same locality on 7<sup>th</sup> July, 2004, one on 20<sup>th</sup> July, 2007 also at light. Close to the site of capture there is a canal running to Dráva River, which is

situated 11 km south of Teklafalu. Considering the lifestyle and habitats preferred by the species it is most likely that this population lives in Dráva River and/or in adjacent watercourses.

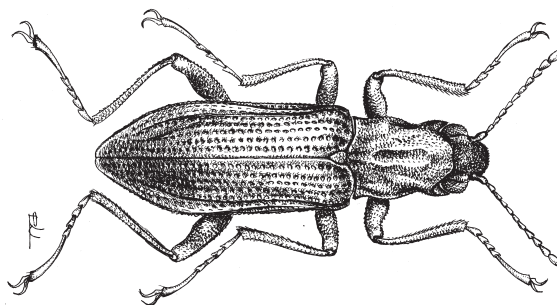


Fig. 1. *Stenelmis consobrina* DUFOR, 1835

Two other species of riffle beetles, considered to be rare in Central Europe (KOVÁCS *et al.* 1999) were also attracted by light in Teklafalu. Their data are as follows (numbers of specimens are in parentheses):

*Macronychus quadrituberculatus* P. W. J. MÜLLER, 1806: 29.VI.2005 (4), 2.VIII.2005 (1).

*Potamophilus acuminatus* (FABRICIUS, 1792): 11.VIII.2004 (1), 26.VI.2005 (1).

The specimens studied are deposited in the collection of JÓZSEF SÁR ("Tequila Collection", Teklafalu), in the collection of DEZSŐ SZALÓKI (Budapest) and in the Hungarian Natural History Museum (Budapest).

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